Vigor2600V Series
VoIP ADSL Router

- Internet-sharing solution for ADSL
- Cost-effective voice communication over the Internet
- Remote office/teleworker linking via VPN
- Firewall providing Internet Security

VoIP (Voice over IP)

- Supports twin FXS (phone) ports to make and receive real-time voice calls using your existing Internet connection.

- Integration of existing telecom infrastructure with VoIP technology
- State-of-the art solution for using your existing broadband connectivity to save voice call costs, and provide additional call capacity.
- An ideal replacement for long-distance call services between remote offices or telecommuters.

Bandwidth Management Facilities

- Class-based bandwidth guarantee by user-defined traffic categories
- Provision of inbound/outbound bandwidth control
- Support of eight Priority-Levels
- Support of DiffServ-Codepoint marking

Interface Wireless

- 802.11g support (54Mbps data rate depending on environment)
- Twin high-gain antennas to give best coverage and diversity
- Compatible with any client device complying with the 802.11g protocol
- Backward compatible with 802.11b devices
- Wireless Security Features :
  * VPN over WLAN - supporting IPSec/3DES encryption
  * 802.1x User Authentication
  * 64/128bit WEP wireless encryption
  * Client MAC Address locking
  * SSID stealthing
  * WPA

Internet/WAN

- Compatible with ADSL lines up to 8Mb/s

LAN

- 4-port 10/100 Base-TX Ethernet switch
- DHCP server for IP assignment (up to 253 users)
- DNS cache and proxy
- NAT /PAT
- Virtual server via port redirection or open port feature
- Virtual LAN(VLAN) facility: divides the Ethernet ports to provide common or exclusive Ethernet access to the other segments
- Port-based rate throttling capability
  Each of the four 10/100BaseT Ethernet ports can be limited to a maximum throughput. e.g. Port 1 could be set to provide max 256Kb/s to prevent individual users, or LAN branches from consuming too much of your broadband bandwidth. Selectable 32Kb/s increments per port

Printer Server

- One USB port connector
- Built-in LPR printer server
- Support for Windows 98/98SE/ME LPR printer
- Compatible with Windows 2000/XP/Server 2003/ Mac OS 9/Mac OS X built-in LPR printer driver

Application Support

- Windows Messenger, Yahoo Messenger, MSN Messenger V6.0, NetMeeting, ICQ2001b/2002a, online gaming, and other multimedia applications
- The UPnP protocol enables router control and enhance access for UPnP -ready multimedia applications

Firewall Facilities

- Automatic Keep-state facility
  tracks packets and denying unsolicited incoming data
- Selectable DoS/DDoS protection
- IP Address anti-spoofing
- User-configurable packet-filtering
- NAT/PAT with Port Forwarding/Redirection & DMZ
- E-mail alerting mechanism

Virtual Private Network (VPN) Facilities

- High performance VPN device
- Up to 16 simultaneous VPN tunnels
- Dial-in or dial-out, LAN-to-LAN or Teleworker-to-LAN
- Protocol support for PPTP, IPSec, L2TP, and L2TP over IPSec
- Encryption support for AES, MPPE, and hardware-based DES/3DES encryption
- Authentication support for MD5 and SHA-1
- IKE key management
- Interoperable with other leading 3rd party vendor VPN devices or software

Flexible URL Content Filtering

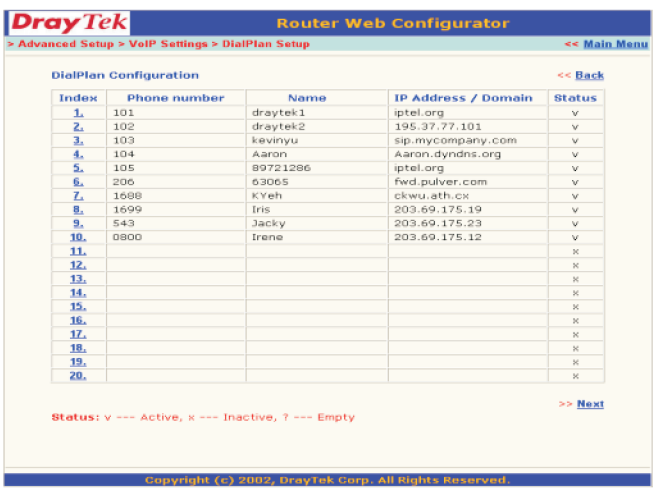
- Block URL (web-site) by user-defined keywords
- Preclude web surfing from using directly IP address
- Block automatic download of Java applets and ActiveX controls
- Block web site cookies and proxy
- Block http downloads of file types: executable/compressed/ multi-media
- Support time schedule to control the restrictions and regular Internet access

Router Management

- Web-based User Interface
- Command Line Interface (Telnet)
- Telnet Remote Access Support
- SNMP Agent with MIB-II
- Built-in Diagnostic Function
- Remote Firmware Upgrade
- Quick Start Wizard
- Syslog Monitoring
- Attack Alert by E-mail

VoIP	G.168 Line Echo-cancellation	
	Gain control	
	Jitter buffer (125ms)	
	Voice Processing	G.711 A/u law
		G.723.1/G.726
		G.729 A/B
		VAD/CNG
	Tone Generation and Detection	DTMF, Dial, Busy, Ring Back, Call Progress
	Protocol	SIP / MGCP / H.323 / Megaco RTP
		Note:The first stage will implement SIP and RTP only, the other protocols will be included later.

Dial Plan of VoIP:


DrayTek Router Web Configurator

> Advanced Setup > VoIP Settings > DialPlan Setup << Main Menu

DialPlan Configuration << Back

Index	Phone number	Name	IP Address / Domain	Status
1.	101	draytek1	iptel.org	v
2.	102	draytek2	195.37.77.101	v
3.	103	kevinyu	sip.mycompany.com	v
4.	104	Aaron	Aaron.dyndns.org	v
5.	105	89721286	iptel.org	v
6.	206	63065	fwd.pulver.com	v
7.	1688	KYeh	ckwu.ath.cx	v
8.	1699	Iris	203.69.175.19	v
9.	543	Jacky	203.69.175.23	v
10.	0800	Irene	203.69.175.12	v
11.				x
12.				x
13.				x
14.				x
15.				x
16.				x
17.				x
18.				x
19.				x
20.				x

>> Next

Status: v --- Active, x --- Inactive, ? --- Empty

Copyright (c) 2002, DrayTek Corp. All Rights Reserved.

The ISDN interface of Vigor2600VGi/Vi provides following features:

- Compatible with Euro ISDN
- Uses ISDN for shared Internet access (dial-on-demand)
- Support for 64Kb/s and 128Kb/s (Multilink-PPP)
- Automatic ISDN backup for Internet access during ADSL failure
- Bandwidth-on-demand (automatically switches between 64Kb/s and 128Kb/s)
- Direct ISDN Dial-up LAN-to-LAN connectivity (to another ISDN site) and VPN
- Remote 'teleworker' direct dial-in access to your LAN (from a remote ISDN line)
- Remote activation of Internet dial-up

Vigor2600VG

Vigor2600VGi

Vigor2600V

Vigor2600Vi

ADSL
VIGOROUS BROADBAND ACCESS

VPN over WLAN
Firewall
UPnP
WPA
VoIP

DrayTek
Taiwan www.draytek.com.tw
E-mail:info@draytek.com.tw
Tel:+886 3 597 2727 Fax:+886 3 597 2121

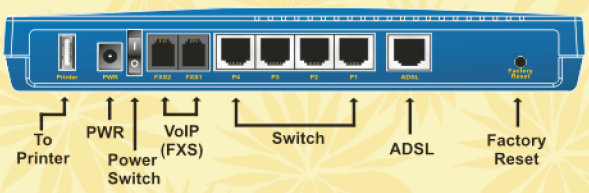
Vigorous Broadband Access

Vigor2600V series VoIP ADSL Router

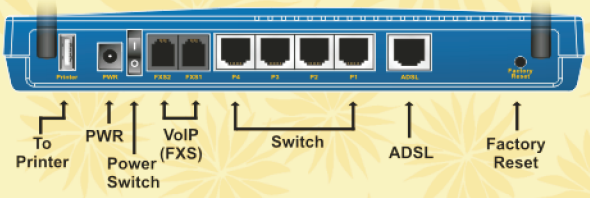
Technical Specifications			V2600VG	V2600VGi	V2600Vi	V2600V
Hardware Interface	LAN	4-port 10/100 BaseTX Switch with VLAN	Yes	Yes	Yes	Yes
	WAN	ADSL	Yes	Yes	Yes	Yes
	Printer	USB port for connecting to USB printer	Yes	Yes	Yes	Yes
	ISDN	Euro DSS1, RJ-45 BRI(S/T types, 2B+D)	---	Yes	Yes	---
	WLAN	IEEE 802.11b/11g	Yes	Yes	---	---
ADSL Protocol	PPP over AAL5(RFC 2364), PPP Over Ethernet(RFC 2516), PPPoE Pass-Through for LAN /WLAN, Bridge/Routed Ethernet Over AAL5 (RFC 1483, 2684)		Yes	Yes	Yes	Yes
ADSL Compliance	G.DMT, G.Lite, T1.413 issue2, Auto mode Up to 8Mbps downstream, 1Mbps upstream		Yes	Yes	Yes	Yes
NAT	Multi-NAT,DMZ, Port Redirection, Open Ports, Pass-thru (VPN, VoIP, NetMeeting, MSN messenger, ICQ, Quake...etc.)		Yes	Yes	Yes	Yes
Firewall Features	Access Control, IP-based Packet Filtering, Stateful Packet Inspection, Denial of Service Prevention		Yes	Yes	Yes	Yes
Virtual Private Network	IKE Key Management, IPSec, PPTP, L2TP, L2TP over IPSec		Yes	Yes	Yes	Yes
	Hardware-based DES/3DES Encryption; AES Encryption		Yes	Yes	Yes	Yes
	MPPE Encryption for PPTP; IPSec Authentication (MD5 and SHA-1)		Yes	Yes	Yes	Yes
	Remote Access VPN; VPN Pass Through; Up to 16 tunnels; RADIUS Support		Yes	Yes	Yes	Yes
Routing Support	RIPv2, Configurable Static Route		Yes	Yes	Yes	Yes
Network Features	DHCP server/relay, Dynamic DNS,Call Scheduling,RADIUS Client		Yes	Yes	Yes	Yes
Traffic Management	Guaranteed Bandwidth, Maximum Bandwidth Limitation		Yes	Yes	Yes	Yes
	Eight Priority Levels Support, DiffServ Codepoint marking Support		Yes	Yes	Yes	Yes
URL Filtering	URL Blocking with Exception Handling; Java/ActiveX/Cookies/ proxy Blocking; Executable/Compressed/multimedia file Blocking; URL Blocking by User-defined Keywords; Time schedule Support		Yes	Yes	Yes	Yes
Management	Time Schedule Support; Web-based User Interface		Yes	Yes	Yes	Yes
	Command Line Interface (Telnet)		Yes	Yes	Yes	Yes
	Telnet Remote Access Support; SNMP Agent with MIB-II		Yes	Yes	Yes	Yes
	Built-in Diagnostic Function; Remote Firmware Upgrade		Yes	Yes	Yes	Yes
	Quick Start Wizard; Syslog Monitoring; Attack Alert by E-mail		Yes	Yes	Yes	Yes
	Secure Remote management		Yes	Yes	Yes	Yes
ISDN Features	ITU-T I.430 Compliant for Layer 1; Dial on Demand		---	Yes	Yes	---
	Bandwidth on Demand; Dual ISP Support; Remote Dial-in Access		---	Yes	Yes	---
	LAN-to-LAN Connectivity; Virtual TA; Remote Activation; Blocking Number for Security		---	Yes	Yes	---
	PPP/MP Protocol ; PPP over V.110 for GSM Dial-in Access		---	Yes	Yes	---
WLAN Access Point	Regulatory approval	EN60950/55022/301489-17/ETSI-300328-2	Yes	Yes	---	---
	Security	64/128-bit WEP	Yes	Yes	---	---
		802.1x; WPA	Yes	Yes	---	---
		VPN over WLAN	Yes	Yes	---	---
		SSID stealthing	Yes	Yes	---	---
	Access Control	MAC address locking	Yes	Yes	---	---
	Transmission Rate	IEEE802.11g and 11b backward compatibility	Yes	Yes	---	---

Max. Power Consumption	10 Watt	Operating temperature: 0° to 40° C (32° to 104° F)
Dimension (cm)	L22.0*W16.0*H3.67	Operating humidity: 90% maximum relative humidity, noncondensing
Power	AC 12V	

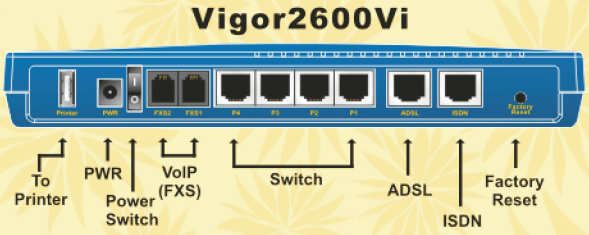
Vigor2600V



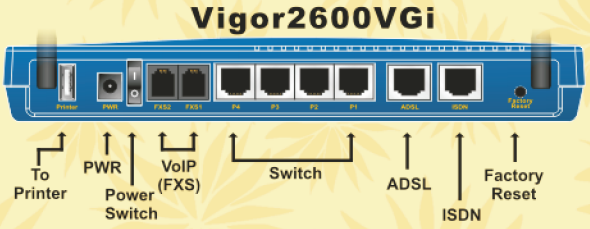
Vigor2600VG



Vigor2600Vi



Vigor2600VGi



Trademarks and brand names are the properties of their respective owners. The scope of delivery and other details are subject to change without prior notice.

(For 2600V/VG)